SYSTEM AND METHOD FOR COLOR AND GRAYSCALE DRIVE METHODS FOR GRAPHICAL DISPLAYS UTILIZING ANALOG CONTROLLED WAVEFORMS

ABSTRACT

A system and method are provided for driving a display. A voltage value is stored in an analog memory associated with each pixel of a display, where each of the pixels has a comparator associated with it. A reference voltage and the voltage values stored in the analog memory are applied to the comparators of the pixels. The comparators are used to compare the voltage values with the reference voltage for determining which of the voltage values matches the reference voltage. The state of the pixels whose voltage value matches the reference voltage is changed.

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